

Isomerization of cis-2-pentenenitrile to 3-pentenenitrile in a reactive distillation

**Abstract**

- 5 A process is described for isomerizing pentenenitrile in a reactant stream, wherein the isomerization is effected over a heterogeneous catalyst in a distillation column in such a way that, during the isomerization of the isomerization reactant, it is distillatively depleted in relation to the isomerization product in the reaction column of the distillation column.